

感谢您购买 Radiomaster ER3C-i ExpressLRS 接收机. ER3C-i 接收机基于革命性的 ExpressLRS 系统. 高性能、高可靠性、灵活配置、快速响应速度、超远航程，为您的航模爱好带来全新体验。

Thank you for purchasing the Radiomaster ER3C-i ELRS receiver. The ER3C-i receiver is based on the revolutionary ExpressLRS system. It offers high performance, high reliability, flexible configuration, fast response speed and ultra-long range bringing you brand new experience with your hobby.

注意：

- 1: 外置电池电压采集接口最大输入电压为35V,过高电压会造成接收机永久性损坏。
- 2: 外置电池电压采集接入电池的正极（焊接到电调的正极）。请务必确认不能在未接入BEC的情况下，单独接入外置电压。
- 3: 电压显示误差，需要在遥控器的TELEMETRY菜单里调节RxRt的Ratio和Offset。

Important:

- 1:The maximum input voltage of the external battery voltage acquisition interface is 35V. Too high a voltage may cause permanent damage to the receiver.
- 2:External battery voltage collection is connected to the positive electrode of the battery (welded to the positive electrode of the electric modulation). Make sure that you do not connect the external voltage without connecting the BEC.
- 3:Voltage display error: Adjust RxRt Ratio and Offset in TELEMETRY menu of remote control.

产品特性

供电: DC 4.5 - 8.4V
天线类型: 内置高灵敏度陶瓷天线
无线协议: 预装ExpressLRS 3.3.0
输出通道: 3CH PWM
回传功率: 10mw
电池电压检测范围: DC 4.0 - 35V
重量: 4.2克
尺寸: 26.1 * 18.5 * 13.0 毫米

Receiver Specifications

Power supply: DC 4.5 - 8.4V
Antenna type: Built-in high-sensitivity ceramic antenna
Wireless protocol: ExpressLRS 3.3.0 pre-installed
Output channel: 3CH PWM
Telemetry power: 10mw
Battery voltage detection range: DC 4.0 - 35V
Weight: 4.2 grams
Dimensions: 26.1*18.5*13.0mm

固件选择:

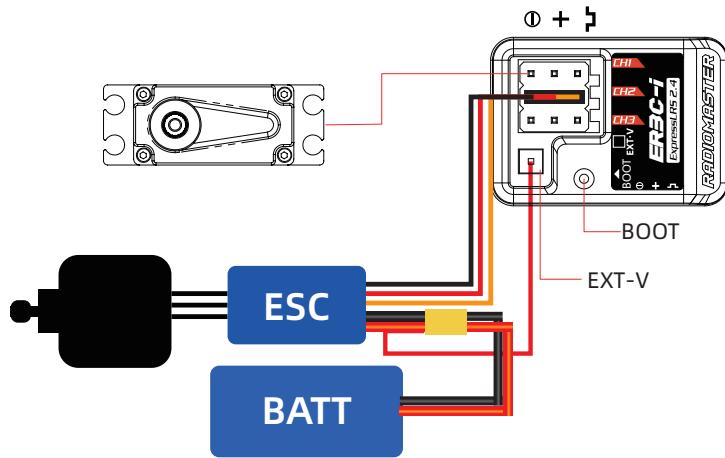
设备类别: Radiomaster 2.4Ghz
设备: Radiomaster ER3C-i

Firmware:

Device Category: Radiomaster 2.4Ghz
Device: Radiomaster ER3C-i

Radiomaster ER3C-i ELRS 接收机，可以同时驱动3个舵机。集成了接收机电压检测，动力电池电压检测，并实现两种电压检测自动切换。采用内置天线设计，适合船模，车模。

The Radiomaster ER3C-i ELRS receiver can drive three steering engines simultaneously. Integrated receiver voltage detection, power battery voltage detection, and realize the automatic switching of two voltage detection. With built-in antenna design, suitable for ship model, car model.



对频方法（传统方式）：

1. 当您第一次打开接收机时，接收机LED灯会连续双闪。这表明接收机处于对频模式中。如果不是这样，请按住接收机按钮10秒钟来重置接收机。
2. 打开遥控器上的ExpressLRS LUA，选择[BIND]，然后确认。
3. 对频成功 指示灯常亮，表示对频成功。



Binding method (Traditional):

1. The first time you power on your receiver, the LED will double blink. This indicates that the receiver is in bind mode. If this is not the case, hold down the boot button for 10 seconds to reset the receiver.
2. Open the ExpressLRS LUA on your remote controller and select [BIND], then confirm.
3. A successful bind is indicated by the light being a steady on, indicating that frequency binding was successful.



注意：要第二次对频接收机或对频到另一个无线电，请重新启动接收机 3 次（重复上电三次）。在第三次上电后，接收机LED灯将双闪表示对频模式。如果使用3次上电方法无法成功进入对频模式，可以按住接收机按钮10秒将接收机重置为对频模式，或者使用下面的短语对频方法。

警告：使用重置按钮时，接收机中所有先前的设置都将被删除，需要重新设置。

Note: To bind the receiver a second time or to another radio, power cycle the receiver 3 times. On the third power cycle, the LED will double blink indicating bind mode. If you cannot successfully enter bind mode with the 3 power cycle method, you can hold down the boot button for 10 seconds to reset the receiver to bind mode or use the passphrase method below.

WARNING: All previous settings in the receiver will be erased and need to be set again when using the reset button.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This product complies with the radio interference requirements of the European Community.

Product name: ER3C-i

Product model: ER3C-i

Applicant: Shenzhen Radiomaster Co.,Ltd

Address: 4F Yangtian Building, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China

Frequency Range: 2402.4 - 2479.4MHz

Max. output Power: 15.46 dBm

SIMPLIFIED EU DECLARATION OF CONFORMITY

The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows:

Hereby, Shenzhen Radiomaster Co.,Ltd declares that radio equipment type ER3C-i is in compliance with Directive 2014/53/EU. This product can be used across EU member states.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

EU Agent :

eValmaster Consulting GmbH

Add (地址) : Bettiustr. 30,60325 Frankfurt am Main,Germany

Zip Code (邮编) : 60325

E-mail (邮箱) : contact@evalmaster.com

Tel (联系电话) : +496995179070